This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1.   (Withdrawn) A computing device in communication with an implantable device for delivering therapy to a patient, the implantable device having a monitor module configured to monitor at least one parameter of the implantable device, the computing device comprising in combination:

(a)   a drug scheduling module for determining whether an appointment is necessary to service the implantable device based upon the parameter from the monitor module;

(b)   a memory for storing therein the scheduling module and at least one scheduling preference; and

(c)   a telemetry module providing bi-directional communication between the computing device and the implantable device.

2.   (Withdrawn) The computing device of claim 1, wherein the drug scheduling module determines whether an appointment is necessary to perform the service selected from the group consisting of a software update, a software modification, a pump refill, and a power supply recharge.

3.   (Withdrawn) The computing device of claim 1, wherein the parameter is a drug usage parameter selected from the group consisting of a quantity drug consumed, a rate in which drug is being consumed, and an estimated date that drug will be exhausted.

4.   (Withdrawn) The computing device of claim 1, wherein the scheduling module receives data from the implantable device, wherein the data is selected from the group consisting of drug usage information, drug management instructions, pump manufacturer requirements, and drug management data.

5.   (Withdrawn) The computing device of claim 4, wherein the drug management instructions is selected from the group consisting of order a drug delivery device refill kit, notify primary care physician of drug order, notify specialty care physician of drug order, notify drug pharmacy to order drug, notify patient's employer of drug order, deliver drug to a specified location, and bill drug to a payer.

6.   (Withdrawn) The computing device of claim 1, wherein the scheduling module receives drug management data selected from the group consisting of name of drug manufacturer, date drug was manufactured, and name of pharmacy carrying the drug.

7.   (Withdrawn) The computing device of claim 1, wherein the scheduling module includes a drug management algorithm to forecast when a next refill of pump reservoir is required.

8.   (Withdrawn) The computing device of claim 1, further comprising an appointment scheduling module for arranging an appointment to service the implantable device.

9.   (Withdrawn) The computing device of claim 8, wherein the appointment scheduling module is capable of contacting at least one entity for the appointment, wherein the entity is selected from the group consisting of a pharmacy, a caregiver, a physician, a hospital, and the patient.

10.   (Withdrawn) The computing device of claim 9, wherein the computing device is operatively coupled to the entity via a computing network.

11.   (Withdrawn) The computing device of claim 10, wherein the computing network is an Internet.

12.   (Currently Amended) An implantable drug delivery device for delivering at least one drug to a patient comprising in combination:

        (a)   at least one reservoir each containing at least one drug;

        (b)   a drug scheduling module for determining whether the drug should be replenished;

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(c)   an appointment scheduling module for scheduling an appointment to replenish the drug in the device[:]; and

(d)   a telemetry module providing bi-directional communications with an external device for allowing the <u>appointment</u> scheduling module to schedule the appointment<u>,</u>

<u>wherein the drug scheduling module receives data about the implantable drug delivery device, wherein the data is selected from the group consisting of drug usage information, pump manufacturer requirements, and drug management data</u>.

13.   (Original)   The implantable drug delivery device of claim 12, wherein the appointment scheduling module contacts via the external device at least one entity for the appointment, wherein the entity is selected from the group consisting of a pharmacy, a caregiver, a physician, a hospital, and the patient.

14.   (Currently Amended)   The implantable drug delivery device of claim 12, the drug scheduling module <u>further</u> receives ~~data about the implantable drug delivery device, wherein the data is selected from the group consisting of drug usage information,~~ drug management instructions~~, pump manufacturer requirements, and drug management data~~.

15.   (Original)   The implantable drug delivery device of claim 14, wherein the drug management instructions is selected from the group consisting of order a drug delivery device refill kit, notify primary care physician of drug order, notify specialty care physician of drug order, notify drug pharmacy to order drug, notify patient's employer of drug order, deliver drug to a specified location, and bill drug to a payer.

16.   (Original)   The implantable drug delivery device of claim 12, wherein the drug scheduling module receives drug management data selected from the group consisting of name of drug manufacturer, date drug was manufactured, and name of pharmacy carrying the drug.

17.   (Original)   The implantable drug delivery device of claim 12, wherein the drug scheduling module includes a drug management algorithm to forecast when a next refill of pump reservoir is required.

18.   (Original)   The implantable drug delivery device of claim 12, wherein the appointment scheduling module is capable of contacting at least one entity for the appointment, wherein the entity is selected from the group consisting of a pharmacy, a caregiver, a physician, a hospital, and the patient.

19.   (Currently amended) The implantable drug delivery device of claim 18, wherein the <u>implantable drug delivery device is in communication with a</u> computing device<u>, the computing device</u> is operatively coupled to the entity via a computing network.

20.   (Original)   The implantable drug delivery device of claim 19, wherein the computing network is an Internet.

21.   (Currently Amended)   An implantable drug delivery device having a patient scheduling feature, comprising:

(a)   a housing;

(b)   a drug reservoir carried in the housing configured to contain a therapeutic substance;

(c)   a flow control coupled to the drug reservoir for controlling the flow of the therapeutic substance from the drug reservoir through an infusion port;

(d)   electronics coupled to the flow control and a power source;

(e)   a telemetry module coupled to the electronics;

(f)   memory coupled to the electronics, the memory containing pump scheduling criteria and other scheduling criteria;

(g)   a monitoring module coupled to the memory and the electronics that monitors at least one pump operation variable; and,

(h)   a scheduling module coupled to the memory and the electronic<u>s</u>, the scheduling module configured to calculate at least one relationship among the pump scheduling criteria, other scheduling criteria, and monitored pump variables, the scheduling module configured to decide whether a pump scheduling activity should be reported, and the scheduling module configured to activate the telemetry module to report a scheduling activity<u>, wherein the scheduling module is adapted to contact via the</u>

telemetry module at least one entity for the scheduling activity, the at least one entity being selected from the group consisting of a pharmacy, a caregiver, a physician, and a hospital.

22.   (Original)   The implantable drug delivery device of claim 21, wherein the scheduling module determines whether an appointment is necessary to perform a service selected from the group consisting of a software update, a software modification, a pump refill, and a power supply recharge.

23.   (Original)   The implantable drug delivery device of claim 21, wherein the scheduling module communicates via the telemetry module with an external device.

24.   (Currently Amended)   The implantable drug delivery device of claim 21, wherein the scheduling module contacts via the telemetry module is capable of contacting at least one entity for an appointment, wherein the entity is selected from the group consisting of a pharmacy, a caregiver, a physician, a hospital, and the patient for the scheduling activity.

25.   (Original)   The implantable drug delivery device of claim 23, wherein the implantable drug delivery device is in communication with a computing device is operatively coupled to the entity via a computing network.

26.   (Original)   The implantable drug delivery device of claim 25, wherein the computing network is an Internet.

27.   (Withdrawn)   A method for scheduling activities to support an implantable drug delivery device, comprising:

     (a)   establishing scheduling criteria;

     (b)   monitoring pump variables;

     (c)   calculating at least one relationship among pump scheduling criteria, other scheduling criteria and monitored pump variables;

     (d)   deciding whether a pump scheduling activity should be reported;

(e)   reporting the pump scheduling activity from the implantable drug pump into a communications medium; and,

(f)   scheduling the pump scheduling activity with a party.

28.   (Withdrawn) The method of claim 27, wherein the step of deciding includes the step of determining whether an appointment is necessary to perform a service selected from the group consisting of a software update, a software modification, a pump refill, and a power supply recharge.

29.   (Withdrawn) Computer executable instructions for performing the steps recited in claim 27.

30.   (Withdrawn) The method of claim 27, wherein the step of monitoring pump variables includes the step of monitoring at least one drug usage parameter selected from the group consisting of a quantity drug consumed, a rate in which drug is being consumed, and an estimated date that drug will be exhausted.

31.   (Withdrawn) The method of claim 27, wherein the step of establishing scheduling criteria includes the step of obtaining scheduling data selected from the group consisting of drug usage information, drug management instructions, pump manufacturer requirements, and drug management data.

32.   (Withdrawn) The method of claim 31, wherein the drug management instructions is selected from the group consisting of order a drug delivery device refill kit, notify primary care physician of drug order, notify specialty care physician of drug order, notify drug pharmacy to order drug, notify patient's employer of drug order, deliver drug to a specified location, and bill drug to a payer.

33.   (Withdrawn) The method of claim 27, wherein the step of establishing scheduling criteria includes the step of obtaining drug management data selected from the group consisting of name of drug manufacturer, date drug was manufactured, and name of pharmacy carrying the drug.

34.   (Withdrawn) The method of claim 27, wherein the step of deciding whether a pump scheduling activity should be reported is performed by a drug management algorithm.

35.   (Withdrawn) The method of claim 27, wherein the step of scheduling the pump scheduling activity with a party is performed by an appointment scheduling module.

36.   (Withdrawn) The method of claim 27, wherein the step of scheduling the pump scheduling activity includes the step of contacting the party selected from the group consisting of a pharmacy, a caregiver, a physician, a hospital, and the patient.

37.   (Withdrawn) The method of claim 36, wherein the step of contacting is performed via a computing network.

38.   (Withdrawn) The method of claim 36, wherein the step of contacting is performed via an Internet.